

**REMARKS**

This responds to the Advisory Action mailed on April 2, 2007, which is related to the Office Action mailed on December 19, 2006.

Claims 1-19 and 23-76 are cancelled herein.

Claims 77-79 are added herein.

Claims 20-22 were previously objected to as being dependent on a rejected base claim, but were identified as being allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. On page 9, paragraph 12, the Final Office Action recited that the arguments regarding claims 20-22 had been considered and found persuasive. Therefore, these claims have been rewritten as suggested and are now in condition for allowance. Apparatus claims 77-79 corresponding to method claims 20-22 have been added.

The patentably distinguishing elements from claim 20 were copied into independent claims 37, 48, 50, and 58, which should have made those claims and those that depend therefrom similarly patentable. However, the Advisory Action reports that the amendments to claims 14, 33, 37, 48, 50, and 58 "raise issues that would require further consideration and/or search by the Examiner since they recite limitations not considered by the Examiner on the previous Office Actions." However, Applicant respectfully submits that the distinguishing elements from claim 20 must have been considered on the previous Office Actions and therefore these amendments should have been entered and these claims should have been allowable.

AMENDMENT

Serial Number: 10/674,835

Filing Date: September 29, 2003

Title: BRANCH-AWARE FIFO FOR INTERPROCESSOR DATA SHARING

Assignee: Intel Corporation

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35 USC § 101 Rejection of the Claims

Claims 14-22, 33, 35, 37 and 48-76 were previously rejected under 35 USC §101 for purportedly being directed to non-statutory subject matter. The Advisory Action indicates that this rejection would be withdrawn in the next Office Action since “the arguments presented by the Applicant regarding the rejection of claims 14-22, 33, 35, 37, and 48-76 under 35 USC 101 have been fully considered and are persuasive”.

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Conclusion

Applicant respectfully submits that the amended claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney ((216) 348-5844) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 13-0265.

Respectfully submitted,

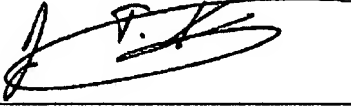
JOSE S. NIELL ET AL.

By their Representatives,

**Customer Number 62442**

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Date May 2, 2007

By   
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Reg. No. 46,816

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2 day of May, 2007.

Deborah J. Peterson  
Name

  
Signature

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